


# ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

| Title of Invention      | BONDING PAD AND CHIP STRUCTURE  |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
|-------------------------|---|--|--------------------------|-------------------|-----------|--------------|---|---------------|------------------|-------------|---|---------------|-------------------|-------|------------|---------------|-------------------|-------|------------|---------------|-----------------------|-------|------------|---------------|-----------------------|-------|------------|------------|------------------|------|------------|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|----------------|------------------------|-------|------------|------------------|--------------|-------|------------|------------------|----------------------|-------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|
| Submission Type :       | Utility Patent Filing   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| Application Number:     | 10/711674   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| EFS ID:                 | 69604   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| Server Response:        | <table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>5673</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a></td></tr></tbody></table>   |  |                          | Confirmation Code | Message   | ISVR1        | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1         | 5673             | USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a> |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| Confirmation Code       | Message   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| ISVR1                   | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| ICON1                   | 5673  |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| USPTOEFSNot             | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a>   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| First Named Applicant:  | Chiu-Shun Lin   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| Attorney Docket Number: | 13689-US-PA   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| Timestamp:              | 2004-09-30 06:11:35 EDT   |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| From:                   | us  |  |                          |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| File Listing:           | <table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>13689-usassn.xml</td><td>2294</td><td>2004-09-30</td></tr><tr><td>us-assignment</td><td>us-assignment.xsl</td><td>11263</td><td>2004-09-30</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>11123</td><td>2004-09-30</td></tr><tr><td>us-assignment</td><td>13689assignment01.tif</td><td>48690</td><td>2004-09-30</td></tr><tr><td>us-assignment</td><td>13689assignment02.tif</td><td>15448</td><td>2004-09-30</td></tr><tr><td>us-request</td><td>13689-usrequ.xml</td><td>3089</td><td>2004-09-30</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-09-30</td></tr><tr><td>us-request</td><td>us-request.xsl</td><td>33904</td><td>2004-09-30</td></tr><tr><td>us-fee-sheet</td><td>13689-usfees.xml</td><td>1603</td><td>2004-09-30</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2004-09-30</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-09-30</td></tr><tr><td>us-declaration</td><td>13689declaration01.tif</td><td>44730</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>13689usf.xml</td><td>28655</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>Image1.tif</td><td>794470</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>Image2.tif</td><td>794470</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>Image3.tif</td><td>794470</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>Image4.tif</td><td>794470</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-09-30</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-09-30</td></tr></tbody></table> |  |                          | Doc. Name         | File Name | Size (Bytes) | Date Produced (yyyymmdd)  | us-assignment | 13689-usassn.xml | 2294        | 2004-09-30  | us-assignment | us-assignment.xsl | 11263 | 2004-09-30 | us-assignment | us-assignment.dtd | 11123 | 2004-09-30 | us-assignment | 13689assignment01.tif | 48690 | 2004-09-30 | us-assignment | 13689assignment02.tif | 15448 | 2004-09-30 | us-request | 13689-usrequ.xml | 3089 | 2004-09-30 | us-request | us-request.dtd | 19064 | 2004-09-30 | us-request | us-request.xsl | 33904 | 2004-09-30 | us-fee-sheet | 13689-usfees.xml | 1603 | 2004-09-30 | us-fee-sheet | us-fee-sheet.xsl | 24912 | 2004-09-30 | us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-09-30 | us-declaration | 13689declaration01.tif | 44730 | 2004-09-30 | application-body | 13689usf.xml | 28655 | 2004-09-30 | application-body | application-body.dtd | 49498 | 2004-09-30 | application-body | Image1.tif | 794470 | 2004-09-30 | application-body | Image2.tif | 794470 | 2004-09-30 | application-body | Image3.tif | 794470 | 2004-09-30 | application-body | Image4.tif | 794470 | 2004-09-30 | application-body | isoamsa.ent | 5191 | 2004-09-30 | application-body | isoamsb.ent | 3988 | 2004-09-30 | application-body | isoamsc.ent | 1460 | 2004-09-30 | application-body | isoamsn.ent | 5620 | 2004-09-30 | application-body | isoamso.ent | 1934 | 2004-09-30 | application-body | isoamsr.ent | 7073 | 2004-09-30 |
| Doc. Name               | File Name   | Size (Bytes)   | Date Produced (yyyymmdd) |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
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| us-assignment           | us-assignment.xsl   | 11263  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-assignment           | us-assignment.dtd   | 11123  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-assignment           | 13689assignment01.tif   | 48690  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
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| us-request              | us-request.dtd  | 19064  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-request              | us-request.xsl  | 33904  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet            | 13689-usfees.xml  | 1603   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet            | us-fee-sheet.xsl  | 24912  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet            | us-fee-sheet.dtd  | 11069  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| us-declaration          | 13689declaration01.tif  | 44730  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | 13689usf.xml  | 28655  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | application-body.dtd  | 49498  | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | Image1.tif  | 794470   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | Image2.tif  | 794470   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | Image3.tif  | 794470   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | Image4.tif  | 794470   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamsa.ent   | 5191   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamsb.ent   | 3988   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamsc.ent   | 1460   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamsn.ent   | 5620   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamso.ent   | 1934   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |
| application-body        | isoamsr.ent   | 7073   | 2004-09-30               |                   |           |              |   |               |                  |             |   |               |                   |       |            |               |                   |       |            |               |                       |       |            |               |                       |       |            |            |                  |      |            |            |                |       |            |            |                |       |            |              |                  |      |            |              |                  |       |            |              |                  |       |            |                |                        |       |            |                  |              |       |            |                  |                      |       |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |            |        |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |

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| application-body          | isobox.ent              | 3568         | 2004-09-30               |
| application-body          | isocyr1.ent             | 5345         | 2004-09-30               |
| application-body          | isocyr2.ent             | 2504         | 2004-09-30               |
| application-body          | isodia.ent              | 1508         | 2004-09-30               |
| application-body          | isogr1.ent              | 4030         | 2004-09-30               |
| application-body          | isogr2.ent              | 2259         | 2004-09-30               |
| application-body          | isogr3.ent              | 3559         | 2004-09-30               |
| application-body          | isogr4.ent              | 1920         | 2004-09-30               |
| application-body          | isolat1.ent             | 5282         | 2004-09-30               |
| application-body          | isolat2.ent             | 9007         | 2004-09-30               |
| application-body          | isomfrk.ent             | 4553         | 2004-09-30               |
| application-body          | isomopf.ent             | 2571         | 2004-09-30               |
| application-body          | isomscr.ent             | 4628         | 2004-09-30               |
| application-body          | isonum.ent              | 5913         | 2004-09-30               |
| application-body          | isopub.ent              | 6621         | 2004-09-30               |
| application-body          | isotech.ent             | 5268         | 2004-09-30               |
| application-body          | mathml2.dtd             | 54588        | 2004-09-30               |
| application-body          | mathml2-qname-1.mod     | 13225        | 2004-09-30               |
| application-body          | mmlalias.ent            | 38209        | 2004-09-30               |
| application-body          | mmlextra.ent            | 7901         | 2004-09-30               |
| application-body          | soextblx.dtd            | 12870        | 2004-09-30               |
| application-body          | us-application-body.xsl | 82504        | 2004-09-30               |
| application-body          | wipo.ent                | 4956         | 2004-09-30               |
| application-body-pdf-wrap | 13689usf-pdf-wrap.xml   | 737          | 2004-09-30               |
| abstract-pdf              | 13689usf-abst.pdf       | 14372        | 2004-09-30               |
| claims-pdf                | 13689usf-clms.pdf       | 23417        | 2004-09-30               |
| description-pdf           | 13689usf-desc.pdf       | 49867        | 2004-09-30               |
| drawings-pdf              | 13689usf-draw.pdf       | 58673        | 2004-09-30               |
| us-declaration            | 13689declaration02.tif  | 35871        | 2004-09-30               |
| package-data              | 13689-pkda.xml          | 9881         | 2004-09-30               |
| package-data              | package-data.dtd        | 27025        | 2004-09-30               |
| package-data              | us-package-data.xsl     | 19263        | 2004-09-30               |
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